

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/US2004/018512

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 A61J7/04 H05K1/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 A61J H05K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
X	WO 00/18350 A (EHRENSVAERD JAKOB ; CYPAK AB (SE); GRIP STINA (SE)) 6 April 2000 (2000-04-06) page 4, line 18 - line 30; figures -----	1-10,18
X	EP 1 214 924 A (FLESCHNER WILHELM ; HAFNER DIETER (DE)) 19 June 2002 (2002-06-19) paragraphs '0018!, '0019!; figures -----	1-10,18
X	US 2002/017996 A1 (NIEMIEC MARK A) 14 February 2002 (2002-02-14) paragraphs '0036!, '0038!; figures -----	11-17
A	US 6 010 771 A (ISEN IRVIN ET AL) 4 January 2000 (2000-01-04) column 11, line 16 - line 34; figures -----	11-17

<input type="checkbox"/>	Further documents are listed in the continuation of box C	<input checked="" type="checkbox"/>	Patent family members are listed in annex
--------------------------	-----------------------------------------------------------	-------------------------------------	-------------------------------------------

\* Special categories of cited documents

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- \*&\* document member of the same patent family

Date of the actual completion of the international search  22 November 2004	Date of mailing of the international search report  29/11/2004
Name and mailing address of the ISA  European Patent Office, P B 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel (+31-70) 340-2040, Tx 31 651 epo nl. Fax (+31-70) 340-3016	Authorized officer  Cametz, C

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US2004/018512

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
WO 0018350	A 06-04-2000	SE 514151 C2 AU 6491099 A EP 1115363 A1 JP 2002525772 T SE 9803259 A WO 0018350 A1 US 6628199 B1		15-01-2001 17-04-2000 18-07-2001 13-08-2002 26-03-2000 06-04-2000 30-09-2003
EP 1214924	A 19-06-2002	DE 10060375 A1 EP 1214924 A2		20-06-2002 19-06-2002
US 2002017996	A1 14-02-2002	US 6411567 B1 US 2003111477 A1 US 2003063524 A1 AU 7333601 A CA 2415891 A1 EP 1307788 A1 JP 2004503271 T WO 0205039 A1 US 2003007421 A1		25-06-2002 19-06-2003 03-04-2003 21-01-2002 17-01-2002 07-05-2003 05-02-2004 17-01-2002 09-01-2003
US 6010771	A 04-01-2000	US 5763058 A CA 2224236 A1 DE 857348 T1 EP 0857348 A1 WO 9714157 A1		09-06-1998 17-04-1997 06-05-1999 12-08-1998 17-04-1997